

MASS/DEPARTMENT OF PUBLIC HEALTH DAILY FLUORIDATION REPORT

Month of December Year 2006 Page 1 of 1 (Use the same form daily for one month for each source or manifolded or combined sources)

Section I. PWS INFORMATION:

1. PWS Name: Riverdale Water Department 2. PWS ID#: 9999000 3. City/Town or District: Riverdale, MA
 4. Source(s) Fluoridated/MassDEP Source Code/Location ID: -01FW
 5. Is the Source(s) Manifold? Yes ☐ No ☒ List location or Mass DEP location ID# for the daily sample: WTP Finished Water

Section II. PWS CHEMICAL USE INFORMATION:

1. Type of fluoride chemical used: NaF ☒ Na₂SiF₆ ☐ H₂SiF₆ ☐
 2. What is the purity of the fluoride chemical? 98 % (From shipping container or hydrometer test rounded to nearest unit).
 3. Are all fluoride-metering pumps protected by two (2) operating anti-siphon (back-pressure) valves? Yes ☒ No ☐
 4. Was each anti-siphon valve disassembled and inspected in the last 12 months? Yes ☒ Date: 1/23/2006 No ☐
 Explain: _____
 5. Was the fluoride test meter calibrated each day before use? (See Note 2) Yes ☒ No ☐
 Explain: _____
 6. Do you require on site technical assistance? Yes ☐ No ☒ If yes, explain: _____

Section III. DAILY RESULT:

Days of the Month	Gallons of Water Treated (to the nearest 1,000 gallons)	Amt. Fluoride Added (Lbs)	Saturator ¹ Volume of Make Up Water Added <input checked="" type="checkbox"/> Gals or <input type="checkbox"/> Cu Ft	Calculated Fluoride Ion Dosage (ppm)	Results of Fluoride Tests by PWS (ppm) ^{2,3}	Name of tester and Comments E.g. Reason(s) for not fluoridating or sampling. Changes in product or batch mixing day etc.
1	878,000		54.0	1.21	1.1	DS
2	978,000		74.0	1.47	1.3	SN
3	2,080,000		133.0	1.26	1.1	TM
4	1,698,000	50.0	100.0	1.16	1.0	SN
5	1,353,000		84.0	1.22	1.1	DS
6	674,000	50.0	36.0	1.07	1.1	DS
7	975,000		58.0	1.18	1.0	SN
8	1,180,000		78.0	1.30	1.2	TM
9	904,000	50.0	64.0	1.38	1.2	SN
10	1,865,000		112.0	1.19	1.1	DS
11	1,953,000	50.0	128.0	1.28	1.0	DS
12	695,000		35.0	1.01	1.1	DS
13	753,000		48.0	1.25	1.1	DS
14	462,000	50.0	24.0	1.04	1.0	SN
15	681,000		37.0	1.08	1.1	TM
16	2,565,000	50.0	155.0	1.19	1.2	SN
17	1,554,000		90.0	1.15	1.0	DS
18	1,805,000	50.0	87.0	0.97	0.9	DS
19	909,000	50.0	58.0	1.25	1.3	SN
20	667,000		50.0	1.46	1.2	TM
21	857,000		56.0	1.28	1.1	SN
22	750,000	50.0	45.0	1.18	1.0	DS
23	2,219,000		145.0	1.28	1.3	DS
24	1,977,000	50.0	140.0	1.38	1.3	DS
25						DS - Plant Offline
26	2,921,000	50.0	198.0	1.33	1.2	DS
27	3,039,000	50.0	227.0	1.45	1.3	DS
28	3,054,000	50.0	215.0	1.37	1.4	DS
29	2,622,000	50.0	0.0	0.10	0.9	DS - Chemical pump was air bound
30	910,000	50.0	55.0	1.19	1.2	SN
31	1,980,000		129.0	1.28	1.2	SN
Totals	44,958,000	750.0	2715.0			If you use a saturator: calculate monthly
Average	1,498,600	25.0	90.5	1.20	1.1	Fluoride Ion Dosage 0.99 ppm

Notes: 1) If you use a saturator you must calculate a monthly fluoride ion dosage based on pounds used.

2) If you use a Mass. certified lab. for daily sampling, attach a copy of your Mass. approved lab analytical report form to this report.

3) All pumping fluoridated sources **MUST** be tested daily for fluoride at the entry point to the distribution system or near the point of fluoride application.

4) The optimum fluoride level (average) is 1.0 ppm with a permissible range of (0.9-1.2) ppm

5) Report all Fluoride results to the nearest tenth.

6) For Fluoride issues that require reporting, notify DPH at 617-624-6074 **AND** MassDEP Drinking Water Program Regional Office or 617-292-5770.

I certify under penalty of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Name of PWS certified operator or responsible party: _____ Signature: _____ Date: _____
 Phone #: (978) 999-9999 Fax#: (978) 999-9998 Email address: xxx@xxxx.com

Section IV: DPH USE:

Date received: _____ Comments: _____

PWSs approved by MassDEP for Fluoridation treatment must return all applicable pages (A, B & C) of this report form by the 10th day following the

reporting month to: MassDPH, 250 Washington Street-5th floor, Boston, MA 02108. Attention: Office of Oral Health

DPH Fluoride Form A -5-24-07